Electronic Version
Stylesheet Version v1.1.1

Claims

[c1] An electrical connector comprising:
an insulative housing defining a plurality of ports;
a plurality of wires with ends thereof received in the ports of the housing; and
a receiving portion receiving portions of the wires adjacent to the ends.

[c2] The electrical connector as claimed in claim 1, wherein the housing comprises an upper portion, a lower portion, and a hook portion protruding from a sidewall of the upper portion.

[c3] The electrical connector as claimed in claim 2, wherein the lower portion defines a plurality of posts, and each ofthe ports extending from a top face of the upper portion and a bottom face of the posts.

[c4] The electrical connector as claimed in claim 2, wherein the receiving portion protrudes from an opposite sidewall of the upper portion.

[c5] The electrical connector as claimed in claim 4, wherein the receiving portion comprises a pair of opposite end walls respectively extending upwardly and angularly rel-

ative to a pair of opposite ends of the upper portion.

[c6] The electrical connector as claimed in claim 5, wherein a first connection beam is formed between distal end portions of the end walls, and a second connection beam is formed between uppermost portions of the end walls.

[c7] The electrical connector as claimed in claim 6, wherein the first connection beam is parallel to the second connection beam.

[c8] The electrical connector as claimed in claim 7, wherein the end walls and the first and second connection beams cooperatively define a first receiving space there between.

[c9] The electrical connector as claimed in claim 8, wherein the end walls, the second connection beam, and the upper portion cooperatively define a second receiving space there between.

[c10] The electrical connector as claimed in claim 9, wherein a rib is formed between the first and second connection beams.

[c11] An electrical connector comprising:
an insulative housing defining at least one row of passageways along a lengthwise direction thereof;

at least one row of wires respective extending rearwardly from the corresponding passageways beyond a rear face of the housing, a front portion of each of said wires located in the corresponding passageways, respectively, for mechanically and electrically connected to a corresponding terminal located in the corresponding passageway;and

a receiving portion located around the rear face of the housing and including a transverse beam extending along said lengthwise direction and spaced from the rear face with a distance along a vertical direction perpendicular to said lengthwise direction, a receiving space formed under the transverse beam; wherein

said wires extend outwardly first in the vertical direction away from and are exposed outside of the rear face of the housing, while are successively guidably deflected, by said transverse beam, toward away from the housing in a lateral direction through said receiving space.

[c12] The connector as claimed in claim 11, wherein said lateral direction is perpendicular to both said lengthwise direction and said vertical direction.

[c13] The connector as claimed in claim 11, wherein said receiving portion is not located behind the rear face along said vertical direction but is offset from the rear face along said lateral direction and extends on a first side of

the housing.

[c14] The connector as claimed in claim 13, further including an operation hook portion located on a second side of the housing opposite to said first side.

[c15] The connector as claimed in claim 11, wherein said receiving portion further includes at least a rib under the transverse beam and in the receiving space to divide said receiving space into two parts in said lengthwise direction so as to regulate the corresponding wires in at least two groups.

[c16] The connector as claimed in claim 11, wherein said receiving portion defines a pair of end walls extending in said lateral direction for confinement of said wires along said lengthwise direction.

[c17] The connector as claimed in claim 11, further including another transverse beam beside the receiving space and opposite to said transverse beam, wherein by cooperation of said two transverse beams said wires are confined in the vertical direction.

[c18] The connector as claimed in claim 17, wherein said another transverse beam is substantially located flush with said rear face in said vertical direction.

[c19] An electrical connector comprising:
an insulative housing defining at least one row of passageways along a lengthwise direction thereof;
at least one row of wires respectively extending rearwardly from the corresponding passageways beyond a rear face of the housing, a front portion of each of said wires located in the corresponding passageways, respectively, for mechanically and electrically connected to a corresponding terminal located in the corresponding passageway;and
a receiving portion located around the rear face of the housing and laterally offset from said rear face so as to allow said rear face to be substantially fully exposed to an exterior in a vertical direction perpendicular to said lengthwise direction; wherein
said wires extend outwardly first in the vertical direction away from and are exposed outside of the rear face of the housing, while are successively guided toward away from the housing laterally through a receiving space defined in said receiving portion.

[c20] The connector as claimed in claim 19, wherein said receiving portion extends from a first side of the housing while an operation hook extends from a second side of the housing opposite to said first side.